

PATENT

43340

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Jong-Dal HONG et al. :
Serial No.: *not yet received* :
Filed: *herewith* :
For: A PROCESS FOR FABRICATING MONOLAYER/
MULTILAYER ULTRATHIN FILMS

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to examination and calculation of the filing fee, please amend the above-identified application, as follows:

IN THE CLAIMS:

Please amend claims 5 and 6 as follows.

5. (Amended) A process according to claim 1, wherein the materials of layers can be bound to each other by the electrostatic ionic bonding, hydrogen bonding, ion-metal coordination or chemical bonding.

6. (Amended) A process according to claim 1, wherein the thickness of the respective thin films are controlled by solution concentration, addition of ionic salt, pH control, and spinning speed control.

Please add the following claims:

9. (New) A process according to claim 2, wherein the materials of layers can be bound to each other by the electrostatic ionic bonding, hydrogen bonding, ion-metal coordination or chemical bonding.

10. (New) A process according to claim 3, wherein the materials of layers can be bound to each other by the electrostatic ionic bonding, hydrogen bonding, ion-metal coordination or chemical bonding.

11. (New) A process according to claim 4, wherein the materials of layers can be bound to each other by the electrostatic ionic bonding, hydrogen bonding, ion-metal coordination or chemical bonding.

12. (New) A process according to claim 2, wherein the thickness of the respective thin films are controlled by solution concentration, addition of ionic salt, pH control, and spinning speed control.


13. (New) A process according to claim 3, wherein the thickness of the respective thin films are controlled by solution concentration, addition of ionic salt, pH control, and spinning speed control.

14. (New) A process according to claim 4, wherein the thickness of the respective thin films are controlled by solution concentration, addition of ionic salt, pH control, and spinning speed control.

REMARKS

The above amendments eliminate multiple dependency in the claims.

Respectfully submitted,


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Marked-up Claims:

5. (Amended) A process according to [one of the claims 1 to 4] claim 1, wherein the materials of layers can be bound to each other by the electrostatic ionic bonding, hydrogen bonding, ion-metal coordination or chemical bonding.

6. (Amended) A process according to [one of the claims 1 to 4] claim 1, wherein the thickness of the respective thin films are controlled by solution concentration, addition of ionic salt, pH control, and spinning speed control.